

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/002569

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01Q3/26 G01S7/487 G01S13/90

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01Q G01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 384 781 B1 (KAUTZ GREGORY MICHAEL ET AL) 7 May 2002 (2002-05-07) abstract; figure 1	1-21
A	SORACE R: "PHASED ARRAY CALIBRATION" IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, IEEE INC. NEW YORK, US, vol. 49, no. 4, April 2001 (2001-04), pages 517-525, XP001083390 ISSN: 0018-926X the whole document	1-21

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

24 September 2004

Date of mailing of the international search report

11/10/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SILVERSTEIN S D: "Application of orthogonal codes to the calibration of active phased array antennas for communication satellites" IEEE TRANSACTIONS ON SIGNAL PROCESSING IEEE USA, vol. 45, no. 1, January 1997 (1997-01), pages 206-218, XP002297713 ISSN: 1053-587X cited in the application the whole document</p>	1-21
A	<p>EP 0 752 736 A (GEN ELECTRIC) 8 January 1997 (1997-01-08) cited in the application the whole document</p>	1-21
A	<p>DANIEL S. PURDY ANTHONY JACOMB-HOOD: "In orbit active array calibration for NASA's LightSAR" IEEE RADAR CONFERENCE, 20 April 1999 (1999-04-20), pages 172-176, XP002297714 cited in the application the whole document</p>	1-21
A	<p>Y. L. DESNOS, H. LAUR, J. L. SUCHAIL, R. TORRES, B. DUESMANN, J. CLOSA: "The ENVISAT ASAR Calibration and Validation Plan" CEOS SAR WORKSHOP, 26 October 1999 (1999-10-26), pages 1-9, XP002297715 TOULOUSE cited in the application the whole document</p>	1-21

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Information on patent family members

International Application No

PCT/EP2004/002569

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6384781	B1	07-05-2002	WO	02088910 A2	07-11-2002
EP 0752736	A	08-01-1997	US	5572219 A	05-11-1996
			US	5677696 A	14-10-1997
			CA	2180051 A1	08-01-1997
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			JP	9121195 A	06-05-1997